

## INFORMATION REPORT INFORMATION REPORT

## CENTRAL INTELLIGENCE AGENCY

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COUNTRY Poland

REPORT

SUBJECT 1. Marine Communications systems, training of radio operators and equipment  
 2. Shipbuilding in Polish Shipyards

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REFERENCES

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

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1. [redacted] information on Polish marine communications systems, training of radio operators, and equipment. [redacted] most of the radar equipment is of Western manufacture, although some is Soviet-made. [redacted] 25X1  
 [redacted] Landing craft [redacted] 25X1  
 [redacted] are equipped with Soviet radio equipment.

2. The attachment also contains very brief information on the shipyards in Gdansk and Gdynia. [redacted] there had been no Soviet advisors in Polish shipyards for the past year. 20 FEB 1959 21 FEB 1959 25X1

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I. Marine Communications

Shipping firms themselves operate wireless communication between the ships and the shore.

The "Gdynia Radio" is a transmitter which is used for communication with all ships. The transmitter is located in the naval harbor area in Gdynia-Oksywie.

PLO (Polish Ocean Lines) has a transmitter which communicates with ships sailing to China. It is located in Gdynia-Kamienna Gora (Stein Berg)

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"Odra Port Radio" transmitter, which communicates with fishing boats in the North Sea, is located in Odra Port (near Stettin), in the vicinity of the railroad station

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All the transmitters work on wave lengths according to international regulations for shipping.

The wireless operators are educated in special courses. Generally, no code is used in the Polish merchant fleet. In special cases some people, for instance espionage officers, are sent on special trips; they get the coded information from wireless operators and decode it themselves. The special cases include taking aboard of Communists in various countries. Often in such cases Captain NEUMANN of Gdansk or Gdynia commands ships with special tasks. Seamen are recruited to work in espionage when they are caught smuggling; they are not arrested but continue working as seamen.

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Most of the shipping firms have radio repairshops. In some cases they also use specialists from Ships' Maritime Radio Service (MORS), (head office in Gdynia, ul. Zygmunta Augusta, and repair and installation department in Gdansk-Holm). The department at Holm repairs and installs radio equipment in most of the Polish ships, even in naval vessels. The president of this firm, Ludomir BIELINSKI, is a big Party man.

MORS manufactures: 1) direction finders; 2) echo sounders (sonars?); 3) radio telephones for fishing boats; 4) ultra short-wave radio telephones for the MO (civilian militia); 5) automatic alarm systems; 6) automatic sea emergency code; 7) receivers; 8) wire transmitter equipment.

Technically the instruments are very poorly made because the firm does not get any suitable parts. No radar is manufactured by MORS. The firm "Kasprzak" in Warsaw tried to build radar. The Polish merchant fleet uses radar with "plan position indicator." Most of

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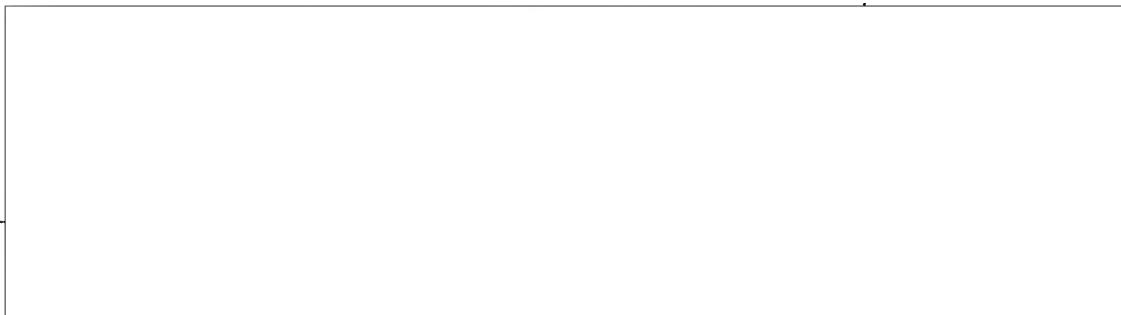
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them are of western manufacture, but there are also many of Soviet manufacture. There is no radio navigation equipment in use besides radar, direction finders, and echo sounders, not even Loran or Decca. The production potentialities of the firm MORS are very limited because production is not mechanized and the work is done piecemeal. The head engineer in MORS is engineer MACKOWIAK, a Party member and informant for the security service.



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Degaussing is done by the Navy.

## II. Shipbuilding

Gdansk Shipyard: Ships of 1800 - 5000 tons and of 10,000 tons are built here. They build mainly colliers and general cargo ships, and most of them for the Soviet Union. The diesel engines are purchased in [redacted] western countries, because Poland has been building only steam engines for ships. Now, however, they are also trying to build larger diesel engines. The shipyard launches 2 to 3 ships per month.

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The Northern Shipyard (Stocznia Polnocna) in Gdansk (in the vicinity of Gdansk Shipyard): Only fishing vessels, trawlers and super-trawlers (a couple of hundred tons) are built here.

The Repair Shipyard (Stocznia Remontowa) at Holm in Gdansk: Ships are only repaired and rebuilt here.

Shipyard in Gdynia: Ships up to 4,000 tons are built here.

Repair Shipyard (Stocznia Remontowa) in Gdynia: Ships, including naval vessels, are repaired and rebuilt here.

There have been no Soviet advisers in Polish shipyards for the last year.

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[redacted] landing craft (German: Seelandungsbooten) of approximately 500 tons. These boats are built in the Torun Shipyard on the Vistula and in the yacht shipyard in Gdansk-Pleniewo.

The landing crafts, just like all other Polish naval vessels, are equipped with Soviet radio equipment. [redacted]

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